



**87%** improvement  
in responses per second on  
N2 instances compared to  
N1 instances.<sup>1</sup>

**15%** higher  
throughput of Barito  
logging, allowing more  
transactions to occur.<sup>2</sup>

“We’re excited about this collaboration with the Intel CoE program. In the short term we’re able to identify and improve CPU utilization by up to 10 percent for one of our components. We are looking forward to working closely so we can achieve more optimal utilization and improvement in the future.”

**Eka Risky, Principal Engineer, Payments Infrastructure, GoTo Financial**

# Optimization Scales GoPay Payment Processor Performance on Google Cloud

GoPay, a part of GoTo Financial, is one of the subsidiaries of GoTo Group, the largest digital ecosystem in Indonesia. GoTo uses the Barito logging platform to monitor and log all transactions. The Barito platform presented a bottleneck for scaling up transactions for GoPay. The company turned to Google Cloud and the Intel Software Center of Excellence (CoE) to explore performance improvement opportunities. Developers in the CoE recommended optimizations for Barito that resulted in an immediate improvement in CPU utilization and increased transaction capacity. Additional optimizations allowed GoTo to increase throughput without adding cluster costs on existing N1 instances and to significantly scale capacity using newer Google Cloud N2 instances.

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<sup>1,2</sup> For more complete information about performance and benchmark results, visit <https://www.intel.com/content/www/us/en/customer-spotlight/stories/gopay-customer-story.html>